

蝶と蛾 Trans. lepid. Soc. Japan 50 (4): 264-266, September 1999

A new subspecies of *Helcyra celebensis* (Lepidoptera, Nymphalidae) from Buton Island, Indonesia

Akio MASUI

Himon'ya 2-13-9-404, Meguro-ku, Tokyo, 152-0003 Japan

Abstract A new subspecies of *Helcyra celebensis* Martin, 1913 is described from Buton Island. This subspecies is intermediate in appearance between *Helcyra celebensis celebensis* and *H. celebensis fabulose*.

Key words Nymphalidae, Apaturinae, *Helcyra*, *celebensis*, *australis*, *fabulose*, *semifusca* ssp. n., Buton Island.

Helcyra celebensis Martin, 1913 occurs in Celebes (Sulawesi) and one of its adjacent islands, Peleng (Tsukada, 1991; Masui and Inomata, 1992). Tsukada (1991) subdivided this species into three subspecies and described two new subspecies, namely, *fabulose* from Peleng I. and *australis* from the southern part of the mainland of Celebes, limiting the nominotypical subspecies to the northern Celebes population. In the author's observation, however, there is no reasonable basis for dividing the populations of the mainland of Celebes into two subspecies, and the author, therefore, treats these taxa as two subspecies, *celebensis* for the mainland of Celebes and *fabulose* for Peleng I., by sinking *australis* as a junior synonym of the nominotypical subspecies (**syn. nov.**). Ssp. *fabulose* is a very remarkable population in having an extremely darkened upper surface of the wings compared with *celebensis*, although the basic wing patterns can be considered as identical. Very recently the author obtained a short series of specimens of this species from Buton I. located southeast of Celebes. Through his examination, the Buton specimens prove to represent a distinct subspecies which exhibits an intermediate wing pattern between the above-mentioned two subspecies as described below.

Helcyra celebensis semifusca subsp. nov. (Figs 1-2)

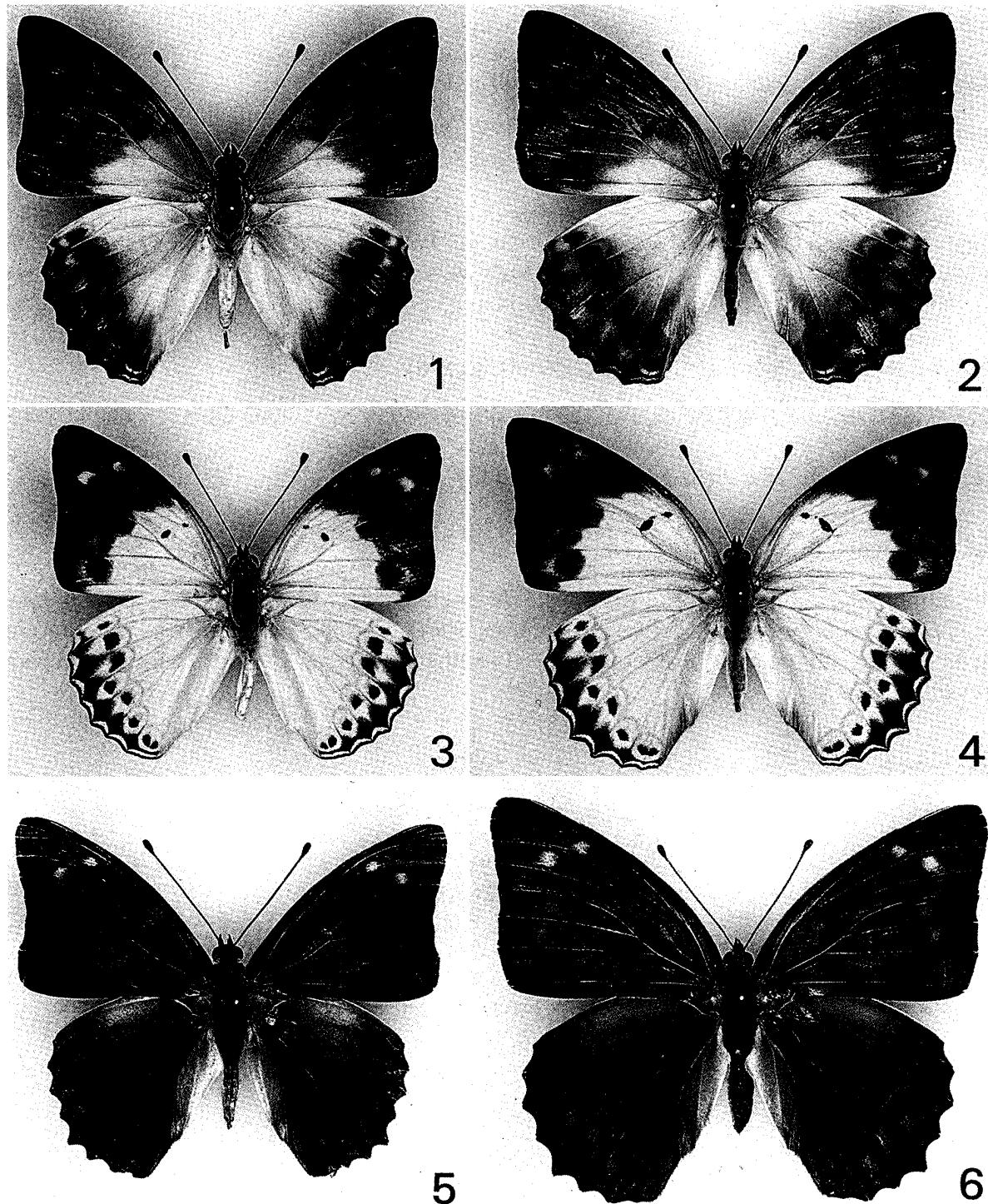
♂♀. Length of forewing 37 mm in male, 38 mm in female, nearly the same as *celebensis* and *fabulose*. Upperside of forewing with the marginal darkened part expanding inwards some millimeters more than in *celebensis*. Underside of forewing similar to *fabulose* in that the row of orange spots and its dark inner margin are clear. Hindwing with same features as in forewing in both upper- and undersides.

Holotype. ♂, Buton Island, SE. Sulawesi, Indonesia, xi. 1998. Paratypes. 2 ♀, Buton Island, SE. Sulawesi, Indonesia, iv. 1998. All the type specimens are for the time being preserved in the author's collection.

Buton Island is *not* located between the mainland of Celebes and Pelen Island geographically, although *semifusca* subsp. nov. is concluded to be a subspecies showing an intermediate facies between *celebensis* from Celebes and *fabulose* from Pelen Island. By adding the present new subspecies, *Helcyra celebensis* is arranged as follows.

A New Subspecies of *Helcyra celebensis* from Buton Island

265



Figs 1-6. *Helcyra celebensis* subspp. 1-2. *H. c. semifusca* subsp. nov., Buton I. (1: ♂, holotype, 2: ♀, paratype). 3-4. *H. c. celebensis* Martin, Palu (3: ♂, 4: ♀). 5-6. *H. c. fabulose* Tsukada, Peleng I. (5: ♂, 6: ♀).

Helcyra celebensis* Martin, 1913**Helcyra celebensis celebensis* Martin, 1913 (Figs 3-4)**

Helcyra hemina celebensis Martin, 1913, *Dt. ent. Z. Iris* **27**: 109.

Helcyra celebensis: Frühstorfer, 1913, in Seitz, *Groß-Schmetterl. Erde* **9**: 711; Martin, 1924, *Tijdschr. Ent.* **67**: 102.

Helcyra chionippe celebensis: Stichel, 1938, in Bryk, *Lepid. Cat.* **86**: 301.

Helcyra celebensis celebensis: Tsukada, 1991, in Tsukada, *Butterflies S. E. Asian Isls* **5** (2): 454, pl. 143.

Helcyra celebensis australis Tsukada, 1991, in Tsukada, *Butterflies S. E. Asian Isls* **5** (2): 454, pl. 143. *Syn. nov.*

***Helcyra celebensis fabulose* Tsukada, 1991 (Figs 5-6)**

Helcyra celebensis fabulose Tsukada, 1991, in Tsukada, *Butterflies S. E. Asian Isls* **5** (2): 454, pl. 144.

Helcyra celebensis semifusca* Masui, 1999 (Figs 1-2)*Acknowledgments**

The author would like to express his sincere thanks to Mr H. Matsuda and Mr Y. Nishiyama for their providing materials collected in Buton Island. Mr K. Yazaki, Mr Y. Uémura and Mr H. Yoshimoto are also greatly appreciated for their advice and assistance for the preparation of this study.

References

- Frühstorfer, H., 1913. Nymphalidae: Apaturidi. In Seitz, A. (Ed.), *Die Groß-Schmetterlinge der Erde* **9**: 695-712, pls 114-116. Stuttgart.
- Martin, L., 1913. Neue Rhopaloceren aus Celebes. *Dt. ent. Z. Iris* **27**: 109, 121-129, pls 6-8.
- _____, 1924. Die Tagfalter der Insel Celebes. *Tijdschr. Ent.* **67**: 32-116.
- Masui, A. and T. Inomata, 1992. Apaturinae of the World. *Yadoriga* (151): 11-22 (in Japanese).
- Stichel, H., 1938. Apaturinae. In Bryk, F. (Ed.), *Lepid. Cat.* **86**: 156-374.
- Tsukada, E., 1991. Nymphalidae (part). In Tsukada, E. (Ed.), *Butterflies of the South East Asian Islands*. Vol. **5** (2). 576 pp (238 pls.). Azumino Butterflies' Research Institute, Matsumoto. (In Japanese).

摘要

インドネシア、ブトン島産セレベスシロタテハの新亜種（増井暁夫）

セレベスシロタテハ *Helcyra celebensis* はセレベス島とペレン島に分布が知られる。著者の見解では、それぞれの個体群に亜種名 *celebensis* と *fabulose* を認めるのが適当と判断する。

ごく最近、著者はセレベス島の南東に位置する Buton 島産の *Helcyra celebensis* を入手したところ、上記の 2 亜種の中間的な斑紋を有する個体群であることが判明したので、記載を行なった。

(Accepted May 27, 1999)